



Bearing No. 61940 MA

D	280 mm
d	200 mm
B	38 mm
Bore	7.874 Inch 200 Millimeter
Noun	Bearing
UNSPSC	31171504
series:	61
Category	Single Row Ball Bearing
Enclosure	Open
Inventory	0.0
Size (mm)	280x200x38
Snap Ring	No
Width (mm)	38
bore type:	Round
Weight / LBS	16.65
Mass bearing	7.32 kg
maximum rpm:	3800 RPM
closure type:	Open
D ₁	255.2 mm
d ₁	225.7 mm
Inch - Metric	Metric
Cage Material	Brass
Product Group	B00308
bore diameter:	200 mm
cage material:	Brass
Keyword String	Ball
fillet radius:	2 mm
overall width:	38 mm
Bearing number	61940 MA

Limiting speed	3800 r/min
finish/coating:	Uncoated
Precision Class	ABEC 1 ISO P0
Rolling Element	Ball Bearing
Reference speed	4800 r/min
Outer Race Width	1.496 Inch 38 Millimeter
Outside Diameter	11.024 Inch 280 Millimeter
Long Description	200MM Bore; 280MM Outside Diameter; 38MM Outer Race Diameter; Open; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features
Manufacturer URL	http://www.skf.com
outer ring width:	38 mm
precision rating:	Not Rated
outside diameter:	280 mm
Manufacturer Name	SKF
Weight / Kilogram	7.56
D _a max.	270 mm
Bore Diameter (mm)	280
Internal Clearance	C0-Medium
r _a max.	2 mm
d _a min.	210 mm
snap ring included:	Without Snap Ring
Outer Diameter (mm)	200
internal clearance:	C0
r _a - max.	2 mm
D _a - max.	270 mm
d _a - min.	210 mm
r _{1,2} min.	2.1 mm

Minimum Buy Quantity	N/A
static load capacity:	166 kN
d_1 ?	225.7 mm
row type & fill slot:	Single Row Non-Fill Slot
D_1 ?	255.2 mm
dynamic load capacity:	148 kN
Harmonized Tariff Code	8482.10.50.68
$r_{1,2}$ - min.	2.1 mm
Manufacturer Item Number	61940 MA
Internal Special Features	No
Basic dynamic load rating C	148 kN
Basic dynamic load rating - C	148 kN
Maximum Capacity / Filling Slot	No
Fatigue load limit P_u	4.55 kN
Calculation factor k_r	0.02
Calculation factor f_0	16.4
Fatigue load limit - P_u	4.6 kN
Calculation factor - k_r	0.02
Calculation factor - f_0	16.4
Basic static load rating C_0	166 kN
Basic static load rating - C_0	166 kN